



NITFS Compliance Registration



Product: OV-3 and OV-5 Product Processor-Output System V5_0

Sponsor: GeoEye

Developer: GeoEye

Date: 30 April 2007

Expiration: 29 April 2009

Registration #: 1025

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☐ V1.1
- ☐ NSIF
- ☐ V1.0

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CCM, 2301
- ☐ CCM, 2301A
- ☐ Labels **

Text Segments

- ☒ STA
- ☐ QT1
- ☐ Q8S
- ☐ QMTF

Image Segment Types

- ☒ MONO
- ☐ RGB
- ☐ RGB/LUT
- ☒ YCbCr
- ☐ MULTI
- ☐ MODIS/PL
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsampling
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization

Data Extension Segments

- ☒ PRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ SDIDA
- ☒ GEOPSB
- ☒ RJPSB
- ☒ SCRNA
- ☒ SEXRA
- ☒ SPROA
- ☒ HISTOA
- ☒ 2KLRA
- ☒ IAIMC
- ☒ GEOLOB
- ☒ MAPLOB
- ☒ SCCGA
- ☒ CHIPB
- ☒ PC00B
- ☒ TDIDC
- ☒ SE00A
- ☐ TREOB

Legend
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Itanium 64 (Server)

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.